

FIG. 1

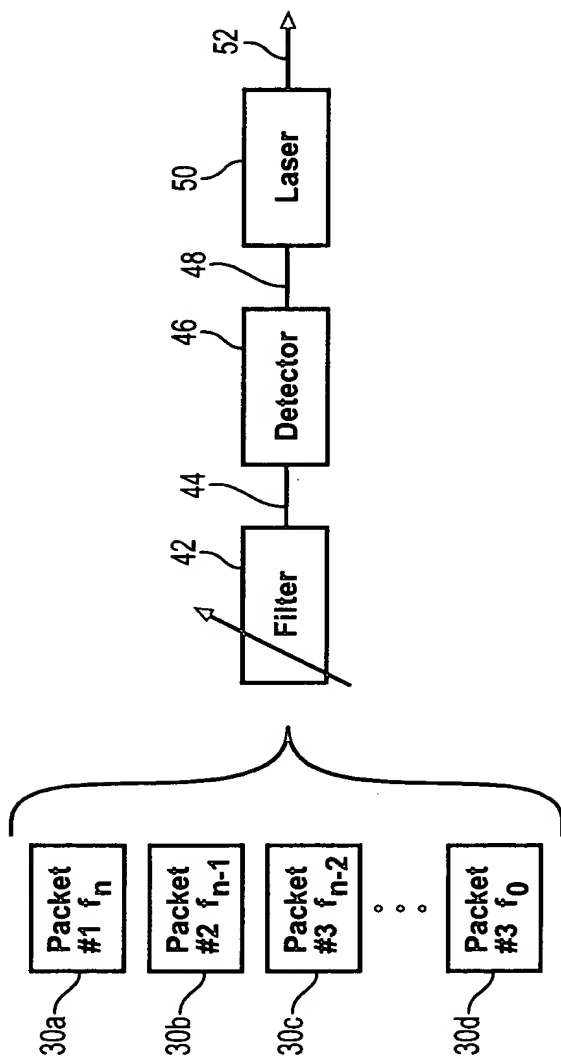


FIG. 2

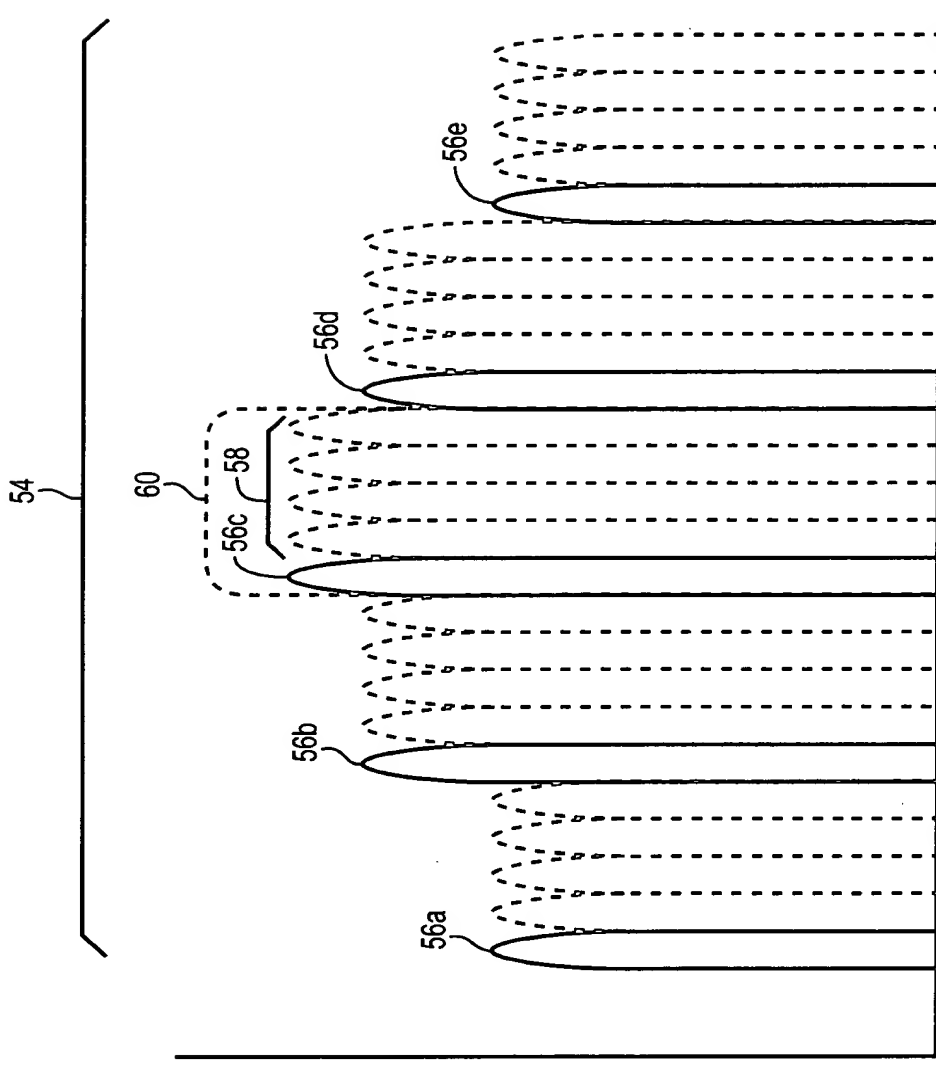


FIG. 3

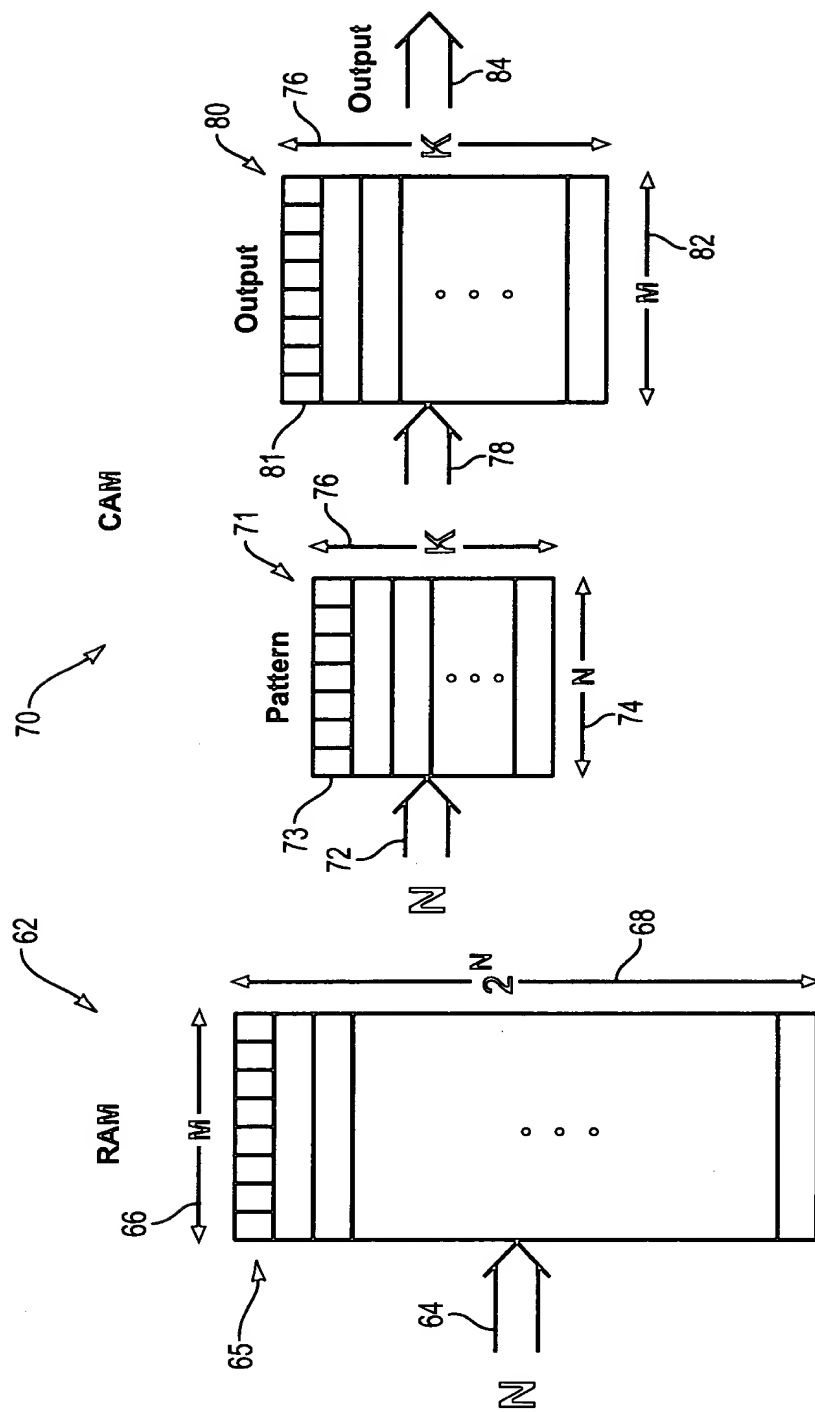


FIG. 4

TOP SECRET

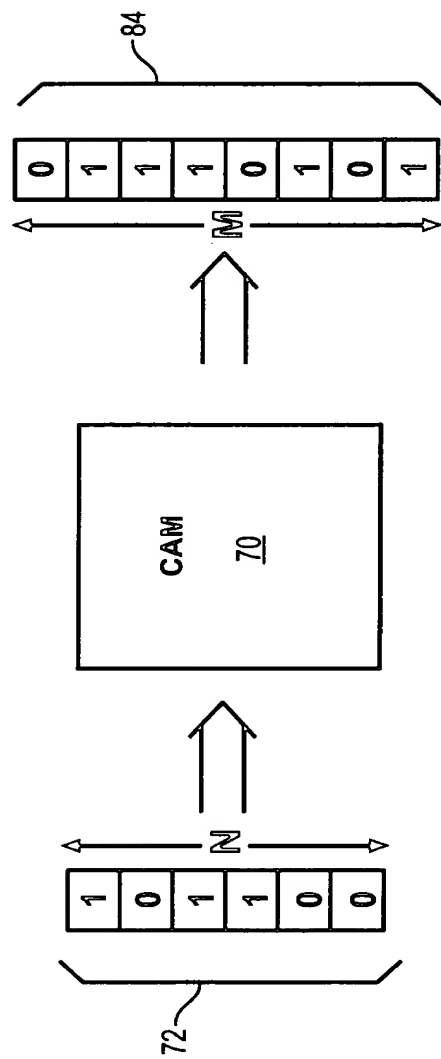
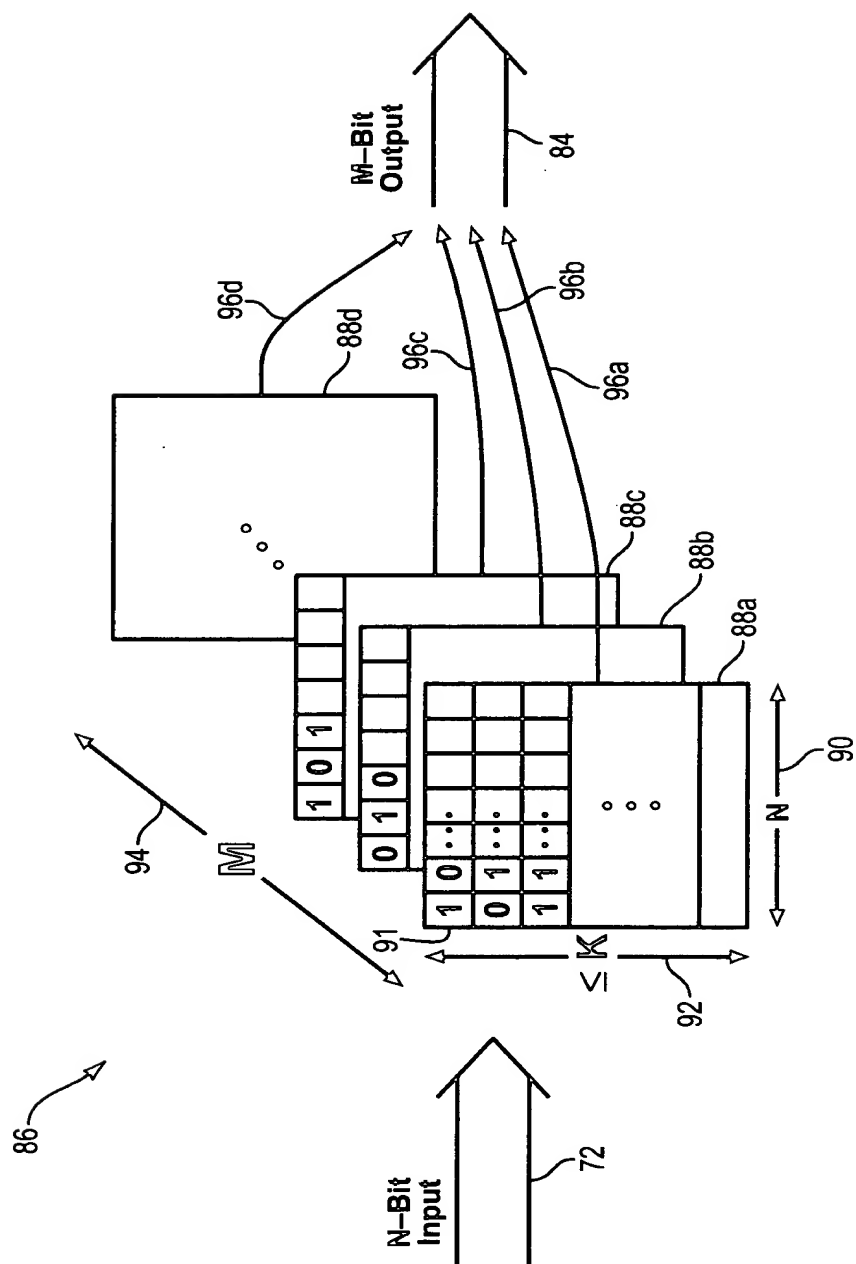
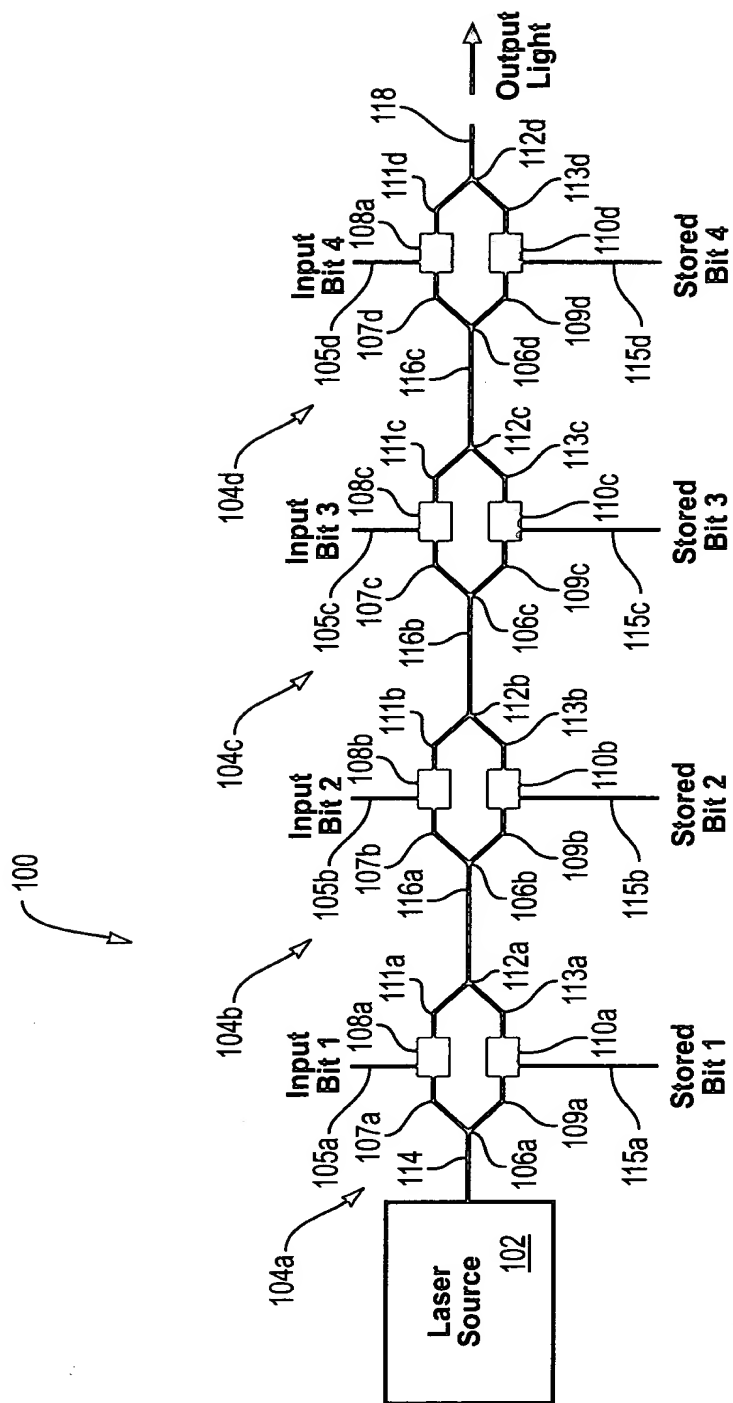


FIG. 5



6.6.1



Use of Mach – Zehnder Modulators
to Match Input Patterns

FIG. 7

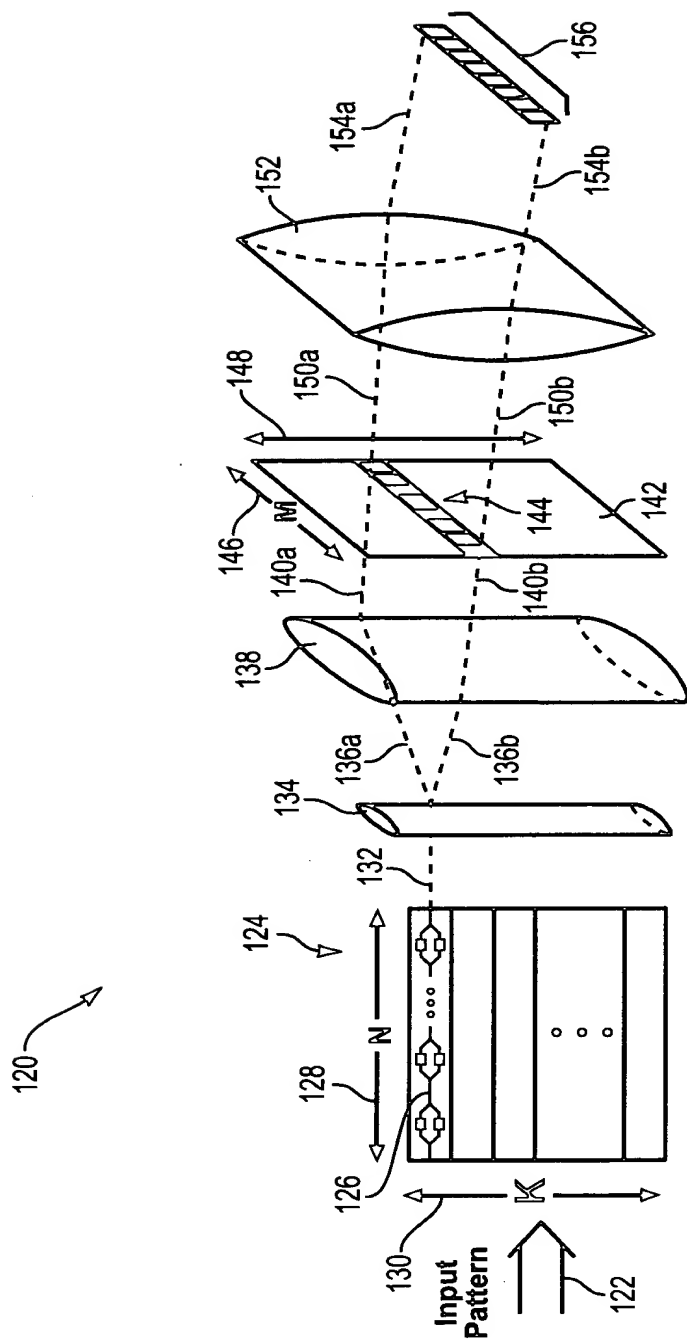


FIG. 8

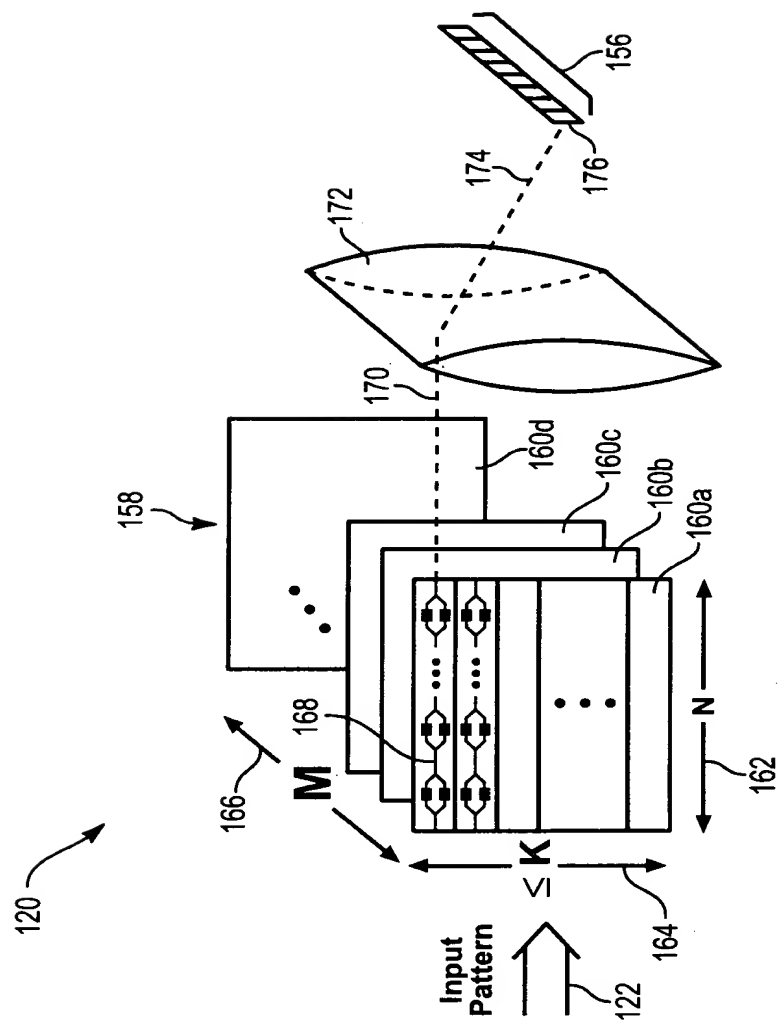


FIG. 9

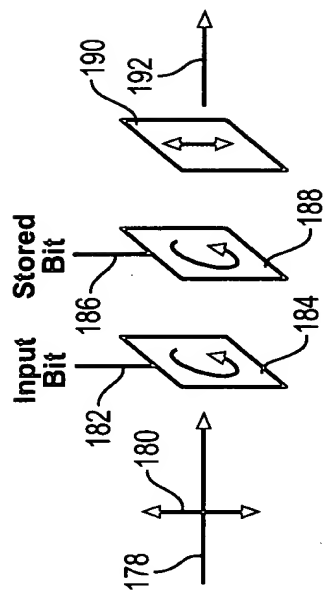


FIG. 10A

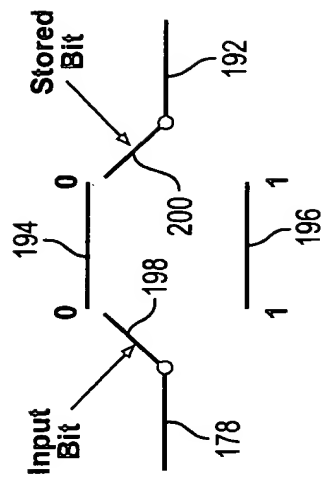
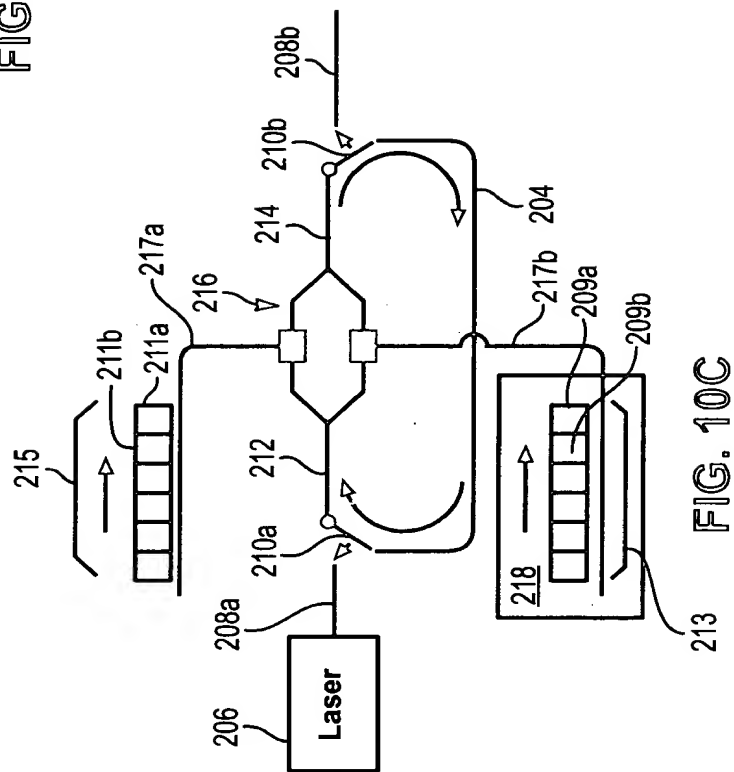


FIG. 10B



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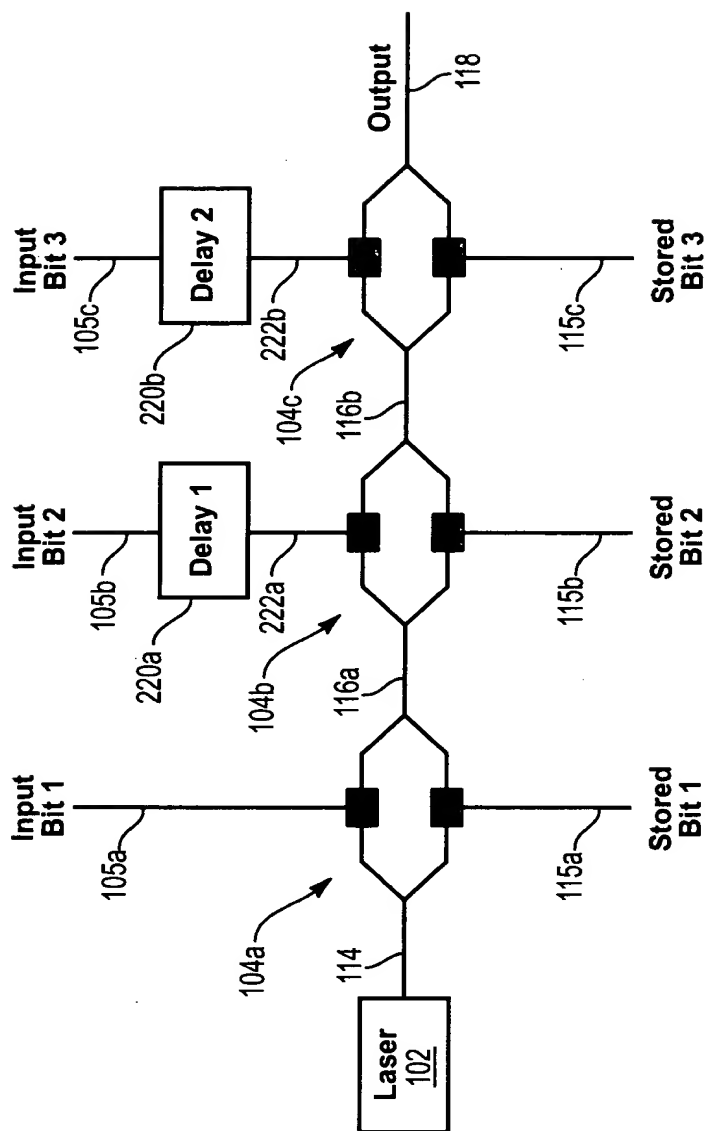


FIG. 11